



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



NOV 20 2014

David Campbell
San Joaquin Refining Co.
3542 Shell Street
Bakersfield, CA 93308

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # S-36
Project # S-1143671**

Dear Mr. Campbell:

The Air Pollution Control Officer has modified the Title V permit for San Joaquin Refining Co. by incorporating Authority to Construct (ATC) S-36-117-0. The proposed boiler will temporarily replace the Wickes boiler listed in permit S-36-41-16 while the Wickes boiler undergoes maintenance or repair. The temporary boiler will be used less than 180 days.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on October 2, 2014. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,


Arnaud Marjollet
Director of Permit Services

AM:sll

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-36-117-1

EXPIRATION DATE: 08/31/2016

EQUIPMENT DESCRIPTION:

25 MMBTU/HR FORCED DRAFT CLEAVER BROOKS MODEL CB-700-200HP BOILER EQUIPPED WITH CLEAVER BROOKS PRODUCED GAS/NATURAL GAS-FIRED LOW NOX BURNER, USED AS A TEMPORARY REPLACEMENT EMISSIONS UNIT (TREU) FOR UNIT S-36-41

PERMIT UNIT REQUIREMENTS

1. This unit may be operated only while permit unit S-36-41 is shutdown for maintenance or repair. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This unit must be removed from service on or before March 2, 2015. The permittee shall maintain records indicating the days of operation of this boiler. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Boiler may be fired on Fruitvale oilfield produced gas or purchased natural gas. Natural gas and lease produced gas sulfur content shall not exceed 1.0 gr sulfur compounds/100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
6. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted in the unit shall be installed, utilized and maintained. [District Rule 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
7. Emissions from the unit shall not exceed any of the following limits when fired on natural gas or produced gas: 9 ppmv NO_x @ 3% O₂ or 0.0109 lb-NO_x/MMBtu, 0.00285 lb-SO_x/MMBtu, 0.0076 lb-PM₁₀/MMBtu, 100 ppmv CO @ 3% O₂ or 0.0739 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
8. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ within 7 days of startup of the unit and at least once every month thereafter. NO_x, CO and O₂ monitoring shall be conducted utilizing a portable analyzer that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless it has been performed within the last month. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
9. If the NO_x or CO, as measured by the portable analyzer, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer continues to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. If the NO_x or CO concentrations, corrected to 3% O₂, as measured by the portable analyzer, exceed the permitted levels the permittee shall return the emissions to compliant levels as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer continues to show emission limit violations after 1 hour of operation following detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation that is subject to enforcement action has occurred. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of the performing the notification and testing required by this condition. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
11. All NO_x, CO, and O₂ emission readings shall be taken with the unit operating at conditions representative of normal operation or under the conditions specified in the Permit to Operate. The NO_x, CO and O₂ analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Analyzer readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five readings, evenly spaced out over the 15 consecutive-minute period. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
12. Permittee shall determine sulfur content of combusted gas annually or shall demonstrate that the combusted gas is provided from a PUC or FERC regulated source. [District Rules 1081 and 4320] Federally Enforceable Through Title V Permit
13. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent by volume and the measured NO_x and CO concentrations corrected to 3% O₂, (3) make and model of the portable analyzer, (4) portable analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions at or below the acceptable levels. [District Rules 4305, 4306 and 4320] Federally Enforceable Through Title V Permit
14. Permittee shall maintain daily records of the type, fuel hhv (Btu/scf), and quantity (MMBtu or scf) of fuel combusted by the boiler. [District Rules 2201 and 40 CFR 60.48 (c)(g)] Federally Enforceable Through Title V Permit
15. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, 4306, and 4320] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

Due Date

1/20/2015

Amount Due

\$ 1,027.18

Amount Enclosed

REN

36 S118339 11/20/2014

RETURN THIS TOP PORTION ONLY, WITH REMITTANCE TO:

SAN JOAQUIN REFINING COMPANY
PO BOX 5576
BAKERSFIELD, CA 93388

SJVAPCD
34946 Flyover Court
Bakersfield, CA 93308

Thank You!



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

SJVAPCD Tax ID: 77-0262563

Facility ID

S36

Invoice Date

11/20/2014

Invoice Number

S118339

SAN JOAQUIN REFINING COMPANY
STANDARD AND SHELL ST
BAKERSFIELD, CA 93308

Invoice Type

Prorated Permit To Operate Fees

Prorated Fees Due (Enclosed is a detailed statement outlining the fees for each item)

\$ 1,027.18

Late Payment (see Rule 3010, Section 11.0 Late Fees)

Postmarked	Total Due
After 1/20/2015 through 1/30/2015	\$ 1,129.90
After 1/30/2015	\$ 1,540.77
After 2/19/2015	Permits To Operate MAY BE SUSPENDED

Invoice Detail

Facility ID: S36

SAN JOAQUIN REFINING COMPANY
STANDARD AND SHELL ST
BAKERSFIELD, CA 93308

Invoice Nbr: S118339
Invoice Date: 11/20/2014
Page: 1

Permit Number	Equipment Description	Billing Period	Annual Fee	Qty	Fee Amount	Total Fees
S-36-117-1	25 MMBTU/HR FORCED DRAFT CLEAVER BROOKS MODEL CB-700- 200HP BOILER EQUIPPED WITH CLEAVER BROOKS PRODUCED GAS/NATURAL GAS-FIRED LOW NOX BURNER, USED AS A TEMPORARY REPLACEMENT EMISSIONS UNIT (TREU) FOR UNIT S-36-41	9/2/2014 to 8/31/2015	\$ 1,030.00	1	\$ 1,027.18	\$ 1,027.18

Total Amount Due: \$ 1,027.18

San Joaquin Valley Air Pollution Control District

Account Summary

Facility ID: S36

SAN JOAQUIN REFINING COMPANY
STANDARD AND SHELL ST
BAKERSFIELD, CA 93308

Statement Date: 11/20/2014

Invoice Date	Invoice Number	Invoice Due Date	Description of Fees			Amount Due
11/12/2014	S118304	01/12/2015	Project: S1142278	Fees Invoiced	\$ 2,067.00	
				Payments	(\$ 142.00)	
				Balance Due		\$ 1,925.00
11/18/2014	S118329	01/20/2015	Project: S1143794	Fees Invoiced	\$ 1,940.20	
				Payments	(\$ 71.00)	
				Balance Due		\$ 1,869.20
11/20/2014	S118339	01/20/2015	Prorated Permit To Operate Fees			\$ 1,027.18
				Total Outstanding Balance:		\$ 4,821.38